Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Good News Mathletes!!! I have the IDEAL solution to your problems!!! Whoo hoo! High five for Mrs. Kidd for being a superstar…no seriously though…I have great way to help you solve word problems in math and science that has a quantitative answer (ask me what that means)

Identify Your Problem (cause that is the whole point of all of this….to get rid of the problem so it isn’t one anymore)

Diagram (can be a picture, a model, table, pattern, etc… just go for it and start writing your thoughts, ideas, and images down!)

Equations (sometimes you may need more than one, you can even use guess and check)

Answer (don’t stop here)

Last (check, does it make sense? Is it even possible? Use your mental math to estimate, gang!)

Ok..ok…think you got it?

Let’s try it out now and see how it works….

1. Sara Hara (real name, real person – I’m related to her) has 100 m of fencing She uses it to fence off a rectangular field for her chickens to graze in. The length of the field is 30 m. How wide is the field?
2. With 100m of fencing, are there any other field dimensions that can be made?
3. Which fence plot will her chickens like best? I know you can’t jump in to chicken’s heads and feel their feelings and think their thoughts…but let’s just say that chickens like the field with the biggest area…which fence should Sara Hara build?